

Nucleic Acid Sequence and Encoded Amino Acid Sequence of a
Human MDMIP Polypeptide

1
GCACGAGCGTATNAAAAAATGTTTTCCATGTTTATGGAAAAGGCT
A R A Y X K M F S M F M E K A
46
GGGAAGTGCTGGTGTAAAATGCCCAAGCTCATAATAGATACTCCT
G K C W C K M P K L I I D T P
91
TTCTCCATTGTTGCCCCTGCTCTAACTGCTGTTCTTTCTTGCCAG
F S I V A P A L T A V L S C Q
136
CTTCGTTGTTCCCTCTGGCTTGTTGGGGGCACGGCTGTNTCCATGT
L R C S L W L V G A R L X P C
181
GGCAAGGTGGAAGGCATGGACGTGTGGAGGAGGCGCTGGAGCTGA
G K V E G M D V W R R R W S (SEQ ID NO:2)
226
AGGAATGGACGAGCCCTGGGAGGAGGGCAGAAGGCTACGCAGGGC
271
TGAGGATGAAGATGCAGCCCCTGGATNGTCCCCAGACTCTCAGGA
316
CATTGCCCAGTCAAGGGTTCGAGCCACNAGGNCTTGGCTCATATG
361
GCATGAAGGGGAACCTTGCATAAGAAGCCCCCTCCCTGGTTGTGGT
406
CCTGGCCCTCTGTTCTGGAAAAGTGGNTCNTAGNCCCCCTGGTTT
451
TTNGCAAAGCCTGAAGAAAGGGAAANTCCCCATGGG (SEQ ID NO:1)

FIG. 1

Nucleic Acid Sequence Encoding a MDMIP-Binding MDM2 Polypeptide
Fragment Derived from a Human MDM2 Polypeptide

```
atgtgcaat accaacaatgt ctgtacctac tgatgggtgct gtaaccacct cacagattcc agcttcggaa
caagagaccc tggttagacc aaagccattg cttttgaagt tattaaagtc tgttgggtgca caaaaagaca
cttatactat gaaagagggtt cttttttatc ttggccagta tattatgact aaacgattat atgatgagaa
gcaacaacat attgtatatt gttcaaatga tcttctagga gatttgtttg gcgtgccaaag cttctctgtg
aaagagcaca ggaaaatata taccatgac tacaggaact tggtagtagt caatcagcag gaatcatcgg
actcaggtag atctgtgagt gagaacaggt gtcaccttga aggtgggagt gatcaaaagg accttgtaga
agagcttcag gaagagaaac cttcatcttc acatttggtt tctagaccat ctacctatc tagaaggaga
gcaattagt agacagaaga aaattcagat gaattatctg gtgaacgaca aagaaaacgc cacaaatctg
atagtatttc cctttccttt gatgaaagcc tggctctgtg tgtaataagg gagatatgt gtgaaagaag
cagtagcagt gaatctacag gga (SEQ ID NO:3)
```

Fig. 2A

Amino Acid Sequence of MDMIP-Binding MDM2 Polypeptide Fragment
Derived from a Human MDM2 Polypeptide

```
MCNTNMSVPTDGA VTTSQIPASEQETLVRPKPLLLKLLKSVGAQKDTYTM
KEVL FYLQYIMTKR LYDEKQQHIVYCSNDLLGDLFGVPSFSVKEHRKIYT
MIYRNLVVVNQQESSDSGTSVSEN RCHLEGGSDQKDLVQELQEEKPSSSH
LVSRPSTSSRRRAISET EENSDEL SGERQKRHKSDSISLSFDESLALCV
IREICCERSSSSSESTG (SEQ ID NO:4)
```

Fig. 2B